

EXHIBIT A

Deposition Excerpts

Deponent	Excerpt
Humblet	11:16-12:4
	15:9-17
	17:17-25
	19:15-22
	34:2-37:8
	38:15-39:4
	41:10-42:25
	50:21-51:13
	51:22-56:11
	61:15-23
	62:14-63:2
	69:6-70:11
	76:8-81:10
	82:7-83:9
	89:18-91:4
	93:12-22
	110:16-114:7
	130:13-17
	133:23-134:5
	135:10-13
	138:11-25
	155:18-158:10
	196:5-197:8
	199:8-201:9
	203:16-204:19
	209:10-17
	210:24-211:13
	244:5-246:8
	247:19-248:5
	251:7-253:24
	254:10-23
	255:24-256:14
	257:4-260:23
	261:18-264:17
	294:2-22
	332:5-333:21
	334:22-335:12
	336:7-17
	337:9-22
	339:9-23
	15:9-21
	17:17-25

	18:17-21
	18:24-19:9
	19:15-20:10
	23:15-24:12
	25:18-26:21
	28:9-18
	29:17-30:16
	30:23-31:6
	32:25-33:13
	33:21-34:9
	37:2-8
	38:22-39:4
	39:15-25
	40:23-41:9
	41:10-19
	48:25-49:15
	49:20-50:7
	51:2-19
	53:3-54:16
	56:12-58:14
	61:6-63:1
	63:23-64:9
	67:23-71:24
	76:8-81:10
	82:7-83:9
	84:5-21
	85:4-86:8
	89:18-91:4
	91:14-92:5
	92:8-93:9
	93:12-94:4
	94:15-23
	95:3-103:4
	104:4-105:25
	106:19-107:14
	110:16-111:2
	112:2-120:7
	125:25-133:20
	133:23-137:18
	137:23-140:24
	145:16-21
	148:4-17
	149:5-12
	150:23-152:7
	154:9-18
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	155:18-158:14
	164:2-19
	164:22-165:14
	182:10-183:23
	184:20-185:2
	186:5-13
	186:17-187:4
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	199:8-202:11
	209:10-17
	210:24-211:13
	213:23-214:9
	216:22-217:21
	220:20-221:23
	231:18-232:25
	237:24-238:19
	241:20-243:19
	244:5-246:8
	251:7-252:5
	252:9-255:17
	255:24-257:2
	257:4-8
	258:19-260:23
	261:10-263:14
	265:25-266:18
	294:13-22
	301:3-25
	306:9 to 308:6
	308:20-23
	311:7-312:18
	319:24-320:10
	321:14-20
	322:20-325:8
	325:16-329:3
	329:9-330:22
	332:5-21
	337:14-339:16
	341:10-20
	344:5-17
	345:16-346:7
	347:23-349:18
	350:6-20

Martin	13:1-14:5
	17:2-18:15
	19:21-20:24
	24:24-25:21
	28:5-22
	29:8-30:10
	31:14-33:16
	37:18-40:9
	42:24-45:9
	56:12-57:5
	61:19-62:6
	62:23-63:17
	67:4-70:6
	72:11-18
	79:21-80:18
	116:3-117:5
	117:16-118:3
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	127:12-129:17
	130:16-22
	134:23-135:10
	136:2-8
	142:23-144:4
	146:12-152:23
	156:15-157:6
	158:17-160:17
	163:14-164:14
	165:10-23
	168:9-170:12
	172:12-173:4
	185:20-187:13
	196:21-23
	198:7-23
	199:13-25
	204:12-207:24
	209:2-22
	221:12-25
	223:22-226:20
	238:17-242:14
	243:9-244:22
	245:22-247:14
	294:12-297:9
	306:18-307:18
	321:16-329:25

Mikkelsen	6:24-7:7
	10:21-12:5
	14:10-15:20
	30:4-23
	37:25-38:7
	49:14-24
	52:3-57:8
	59:2-6
	60:5-13
	71:23-74:22
	76:13-80:17
	82:8-87:2
	89:12-95:6
	111:22-113:10
	116:6-121:11
	122:8-16
	123:5-16
	134:14-145:20
	151:7-157:12
	160:7-166:8
	171:15-174:23
	178:24-179:25
	180:21-181:8
	183:9-15
	183:19-190:22
	195:5-202:9
Mo	6:3-6:10
	6:21-7:15
	15:5-10
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	19:3-22:11
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	24:1-23
	26:1-14
	26:21-29:3
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	30:17-31:18
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	66:9-17
	66:19-67:1

	78:6-8
	78:11-17
	82:10-12
	82:14-83:5
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	87:1-3
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	94:9-95:4
	97:3-98:24
	120:21-121:8
	121:11-21
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	122:21-123:8
	176:17-24
	177:5-178:1
	178:6-17
	179:19-180:4
	180:7-10
	181:6-12
	181:17-182:2
	182:5-16
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	183:18-184:4
	184:6-22
	186:5-14
	186:16-24
	187:23-188:12
	188:21-189:17
	191:6-191:10
	192:23-193:24
	196:12-14
	196:17-197:2
	197:3-17
	198:14-15
	198:17-21
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	202:4-7
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	202:16-19
	214:11-14
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	232:11-20
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	258:7-11
	258:16-259:23
	259:25-260:4
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	260:18-23
	261:2-4
	263:25-266:25
Monsen	8:4-9
	9:19-23
	12:3-25
	13:13-18:10
	20:9-21:10
	26:2-27:7
	28:22-30:13
	32:20-33:13
	33:22-62:19
	63:20-66:13
	68:18-73:15
	73:22-79:25
	84:22-99:14
	99:23-105:10
	105:22-107:10
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	118:18-132:21
	134:16-135:3
	135:19-23
	137:2-11
	137:21-138:7
	151:15-154:24
	160:20-164:13
	175:21-179:10
	186:22-188:6
	192:13-193:10
	202:4-18
	203:9-210:9
Larry Pellach	7:5-17
	9:19-10:19
	12:18-13:13
	14:7-13
	15:3-7
	15:10-21
	16:6-17:3
	18:11-19

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	33:19-34:4
	34:18-35:3
	35:24-36:23
	40:9-24
	44:13-46:5
	54:19 to 55:9
	56:5-14
	57:24-61:11
	63:16-66:12
	67:8-13
	68:1-8
	68:21-75:9
	75:16-24
	76:14-77:5
	78:25-79:16
	83:7-18
	84:5-11
	84:16-85:23
	86:6-19
	87:16-88:14
	88:25-99:10
	99:19-100:25
	101:6-8
	101:23-102:10
	103:7-13
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	110:5-10
	117:7-12
	117:20-119:5
	123:15-25
	125:3-128:2
	128:22-129:5
	131:8-132:5
	134:8-136:10
	138:2-17
	139:18-25

	140:2-22
	149:13-24
	176:5-177:16
	177:17-179:2
	180:18-181:6
	189:8-11
	194:15-24
	198:3-10
	199:14-201:2
	202:4-17
	206:9-22
	218:6-16
	221:24-222:6
	224:12-225:4
	227:7-15
	244:15-245:4
	248:2-6
	251:20-252:10
	254:23-255:6
	257:18-25
	259:12-260:7
	261:17-262:4
	264:9-20
	267:14-24
	272:18-20
	276:15-278:8
	288:24-289:4
	289:20-24
	292:22-293:19
	298:16-299:17
	299:23-300:6
	301:11-21
	306:16-312:3
	312:11-24
	313:16-314:5
	316:17-317:4
	318:16-319:4
	322:10-19
	322:21-323:9
	326:4-19
	327:23-339:17

	340:3-361:4
Pendock	6:4-8
	8:12-19
	29:5-31:2
	10:9-15
	16:14-22
	19:15-20:6
Rasmussen	8:18-9:13
	11:10-12:3
	15:20-16:23
	18:11-22:11
	23:23-24:16
	24:20-26:21
	29:17-31:14
	36:16-37:24
	50:7-24
	58:2-59:12
	62:10-63:7
	67:19-68:25
	72:20-73:11
	78:14-85:18
	92:15-93:6
	95:6-100:4
	100:12-108:18
	109:12-126:13
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	152:20-159:10
	162:6-170:9
	179:22-180:8
	181:2-183:2
	184:24-187:8
	191:8-23
	195:11-196:12
	196:13-215:5
	219:12-222:8
	225:17-227:15
	244:25-252:15
	253:20-257:19
	292:4-297:19
	302:14-304:4

Shah	6:21-8:16
	10:9-11:9
	12:3-12
	17:9-18:6
	18:16-20:8
	21:8-21:16
	22:10-23:16
	26:17-23
	29:25-31:7
	33:2-6
	33:23-35:18
	36:15-44:6
	47:20-48:24
	51:2-55:5
	63:11-64:4
	68:18-70:5
	71:7-73:16
	80:5-81:13
	85:25-87:9
	89:3-25
	109:16-114:6
	118:12-20
	119:2-23
	122:3-123:3
	124:19-24
	126:24-128:12
	131:20-132:8
	133:21-135:19
	135:20-143:7
	146:4-9
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	151:19-155:24
	158:7-162:5
	164:9-171:13
	180:23-181:6
	182:2-196:12
	202:20-206:13
	209:6-211:23
Shah (AEO)	5:7-6:25
	236:2-245:7
	248:11-249:20
	254:18-258:9
	266:12-267:15
	272:15-273:3

	274:17-278:2
	285:6-289:16
	318:11-325:4
	332:3-337:17
	340:6-341:3
Shanmugaraj	7:13-17
	9:7-9
	11:4-17:23
	18:15-30:10
	30:11-32:4
	49:5-66:3
	66:14-68:1
	70:23-71:10
	73:16-25
	76:18-77:5
	83:22-84:23
	85:14-92:10
	100:16-104:18
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	125:9-132:19

EXHIBIT B

Viasat, Inc. v. Acacia Communications, Inc.

Case No. 3:16-cv-00463-BEN-JMA

Plaintiff's Exhibit List

Exhibits Plaintiff Expects to Present

Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
1.			INTENTIONALLY LEFT BLANK	P		
2.			Email exchange between Chandrasekar Raj and Bhupen Shah, et al., Re ViaSat-ECC-Chandra Raj's contact info...	P	07/20/2009	ACI013583- ACI013586
3.			INTENTIONALLY LEFT BLANK	P		
4.			INTENTIONALLY LEFT BLANK	P		
5.			ViaSat's Acacia PowerPoint	P		VIASAT129749 - VIASAT129810
6.			INTENTIONALLY LEFT BLANK	P		
7.			ViaSat PowerPoint	P		VIASAT129883 - VIASAT129885
8.			INTENTIONALLY LEFT BLANK	P		
9.			INTENTIONALLY LEFT BLANK	P		
10.			INTENTIONALLY LEFT BLANK	P		

Viasat, Inc. v. Acacia Communications, Inc.
Case No. 3:16-cv-00463-BEN-JMA

Plaintiff's Exhibit List

Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
11.			Agenda for ECC trip Nov 2 - Nov 5	P		
12.			Email exchange between Lawrence Esker and Larry Pellach, et al., Re Nov-11-2009 ECC Meeting Minutes (w/out attachment)	P	11/11/2009	VIASAT037586 - VIASAT037588
13.			INTENTIONALLY LEFT BLANK	P		
14.			Email exchange between Matt Nimon and Russell Fuerst Re Updated Acacia System Spec Document	P	11/11/2009	VIASAT047277 - VIASAT047278
15.			INTENTIONALLY LEFT BLANK	P		
16.			ViaSat's Coherent Optical Receiver Demodulator CORD Project-ViaSat Internal Kick-Off December 3, 2009 PowerPoint	P		VIASAT047610 - VIASAT047621
17.			INTENTIONALLY LEFT BLANK	P		
18.			INTENTIONALLY LEFT BLANK	P		
19.			INTENTIONALLY LEFT BLANK	P		
20.			INTENTIONALLY LEFT BLANK	P		
21.			INTENTIONALLY LEFT BLANK	P		
22.			INTENTIONALLY LEFT BLANK	P		

Viasat, Inc. v. Acacia Communications, Inc.
Case No. 3:16-cv-00463-BEN-JMA

Plaintiff's Exhibit List

Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
23.			INTENTIONALLY LEFT BLANK	P		
24.			Email exchange between Lawrence Esker and Sameep Dave, et al., Re HDFEC mode as specified won't work	P	02/23/2010	VIASAT039811 - VIASAT039815
25.			INTENTIONALLY LEFT BLANK	P		
26.			INTENTIONALLY LEFT BLANK	P		
27.			INTENTIONALLY LEFT BLANK	P		
28.			INTENTIONALLY LEFT BLANK	P		
29.			INTENTIONALLY LEFT BLANK	P		
30.			ViaSat's Mutually Agreed Upon Specification for 100 Gbps Coherent DWDM Demodulator	P	11/20/2009	VIASAT001625 - VIASAT001639
31.			INTENTIONALLY LEFT BLANK	P		
32.			INTENTIONALLY LEFT BLANK	P		
33.			INTENTIONALLY LEFT BLANK	P		
34.			INTENTIONALLY LEFT BLANK	P		
35.			INTENTIONALLY LEFT BLANK	P		

Viasat, Inc. v. Acacia Communications, Inc.
Case No. 3:16-cv-00463-BEN-JMA

Plaintiff's Exhibit List

Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
36.			INTENTIONALLY LEFT BLANK	P		
37.			INTENTIONALLY LEFT BLANK	P		
38.			INTENTIONALLY LEFT BLANK	P		
39.			INTENTIONALLY LEFT BLANK	P		
40.			INTENTIONALLY LEFT BLANK	P		
41.			INTENTIONALLY LEFT BLANK	P		
42.			INTENTIONALLY LEFT BLANK	P		
43.			INTENTIONALLY LEFT BLANK	P		
44.			INTENTIONALLY LEFT BLANK	P		
45.			INTENTIONALLY LEFT BLANK	P		
46.			Email exchange between Bill Thesling and Dave Sameep, et al., FW: DSP-priorities (w/attachment)	P	10/13/2009	VIASAT134535 - VIASAT134543
47.			INTENTIONALLY LEFT BLANK	P		
48.			INTENTIONALLY LEFT BLANK	P		

Viasat, Inc. v. Acacia Communications, Inc.
Case No. 3:16-cv-00463-BEN-JMA

Plaintiff's Exhibit List

Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
49.			INTENTIONALLY LEFT BLANK	P		
50.			INTENTIONALLY LEFT BLANK	P		
51.			Calendar Entry Re Acacia Visit next week (w/attachment)	P	10/27/2009	VIASAT057270 - VIASAT057271
52.			INTENTIONALLY LEFT BLANK	P		
53.			INTENTIONALLY LEFT BLANK	P		
54.			INTENTIONALLY LEFT BLANK	P		
55.			INTENTIONALLY LEFT BLANK	P		
56.			INTENTIONALLY LEFT BLANK	P		
57.			INTENTIONALLY LEFT BLANK	P		
58.			INTENTIONALLY LEFT BLANK	P		
59.			INTENTIONALLY LEFT BLANK	P		
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61.			INTENTIONALLY LEFT BLANK	P		
62.			INTENTIONALLY LEFT BLANK	P		

Viasat, Inc. v. Acacia Communications, Inc.
Case No. 3:16-cv-00463-BEN-JMA

Plaintiff's Exhibit List

Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
63.			INTENTIONALLY LEFT BLANK	P		
64.			INTENTIONALLY LEFT BLANK	P		
65.			INTENTIONALLY LEFT BLANK	P		
66.			INTENTIONALLY LEFT BLANK	P		
67.			INTENTIONALLY LEFT BLANK	P		
68.			INTENTIONALLY LEFT BLANK	P		
69.			INTENTIONALLY LEFT BLANK	P		
70.			INTENTIONALLY LEFT BLANK	P		
71.			INTENTIONALLY LEFT BLANK	P		
72.			INTENTIONALLY LEFT BLANK	P		
73.			INTENTIONALLY LEFT BLANK	P		
74.			INTENTIONALLY LEFT BLANK	P		
75.			INTENTIONALLY LEFT BLANK	P		
76.			INTENTIONALLY LEFT BLANK	P		

Viasat, Inc. v. Acacia Communications, Inc.
Case No. 3:16-cv-00463-BEN-JMA

Plaintiff's Exhibit List

Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
77.			INTENTIONALLY LEFT BLANK	P		
78.			INTENTIONALLY LEFT BLANK	P		
79.			INTENTIONALLY LEFT BLANK	P		
80.			INTENTIONALLY LEFT BLANK	P		
81.			INTENTIONALLY LEFT BLANK	P		
82.			INTENTIONALLY LEFT BLANK	P		
83.			INTENTIONALLY LEFT BLANK	P		
84.			Email exchange between Ted Gammell and Russell Fuerst, et al., Re Soft Decision FEC Questions	P	06/10/2009	VIASAT034665 - VIASAT034670
85.			E-mail from Ted Gammell to Scott Stiefel Re Mutual NSA: Viasat-Acacia (w/attachment)	P	06/11/2009	VIASAT289937 - VIASAT289940
86.			INTENTIONALLY LEFT BLANK	P		
87.			Email exchange between Russell Fuerst and Ted Gammell Re Latest Revfor Acacia	P	09/03/2009	VIASAT290664 - VIASAT290665

Viasat, Inc. v. Acacia Communications, Inc.
Case No. 3:16-cv-00463-BEN-JMA

Plaintiff's Exhibit List

Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
88.			Email exchange between Russell Fuerst and Ted Gammell, et al., FW: Final Agreement (w/attachment)	P	09/04/2009	VIASAT290695 - VIASAT290700
89.			INTENTIONALLY LEFT BLANK	P		
90.			INTENTIONALLY LEFT BLANK	P		
91.			INTENTIONALLY LEFT BLANK	P		
92.			Email exchange between Russell Fuerst and Ted Gammell, et al., FW: IP Core Licensing Agreement (w/attachment)	P	09/30/2009	VIASAT291431 - VIASAT291445
93.			INTENTIONALLY LEFT BLANK	P		
94.			INTENTIONALLY LEFT BLANK	P		
95.			Email exchange between Russell Fuerst and Ted Gammell, et al., FW: agreement and SOW (w/attachment)	P	10/21/2009	VIASAT291755 - VIASAT291773
96.			INTENTIONALLY LEFT BLANK	P		
97.			INTENTIONALLY LEFT BLANK	P		
98.			INTENTIONALLY LEFT BLANK	P		
99.			INTENTIONALLY LEFT BLANK	P		

Viasat, Inc. v. Acacia Communications, Inc.
Case No. 3:16-cv-00463-BEN-JMA

Plaintiff's Exhibit List

Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
100.			INTENTIONALLY LEFT BLANK	P		
101.			Cord, Aurora, Gemini and Polo Payments	P		
102.			INTENTIONALLY LEFT BLANK	P		
103.			INTENTIONALLY LEFT BLANK	P		
104.			INTENTIONALLY LEFT BLANK	P		
105.			INTENTIONALLY LEFT BLANK	P		
106.			INTENTIONALLY LEFT BLANK	P		
107.			Email exchange between Russell Fuerst and Ted Gammell, et al., FW: Development agreement executed by Viasat and Acacia	P	11/20/2009	VIASAT001677
108.			INTENTIONALLY LEFT BLANK	P		
109.			INTENTIONALLY LEFT BLANK	P		
110.			INTENTIONALLY LEFT BLANK	P		
111.			INTENTIONALLY LEFT BLANK	P		
112.			INTENTIONALLY LEFT BLANK	P		
113.			INTENTIONALLY LEFT BLANK	P		

Viasat, Inc. v. Acacia Communications, Inc.
Case No. 3:16-cv-00463-BEN-JMA

Plaintiff's Exhibit List

Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
114.			INTENTIONALLY LEFT BLANK	P		
115.			INTENTIONALLY LEFT BLANK	P		
116.			INTENTIONALLY LEFT BLANK	P		
117.			INTENTIONALLY LEFT BLANK	P		
118.			INTENTIONALLY LEFT BLANK	P		
119.			INTENTIONALLY LEFT BLANK	P		
120.			INTENTIONALLY LEFT BLANK	P		
121.			INTENTIONALLY LEFT BLANK	P		
122.			INTENTIONALLY LEFT BLANK	P		
123.			INTENTIONALLY LEFT BLANK	P		
124.			INTENTIONALLY LEFT BLANK	P		
125.			Block diagram for Everest	P		ACI013470
126.			Email from Peter Monsen to Larry Pellach Re backward compatibility	P	10/10/2012	ACI817401
127.			INTENTIONALLY LEFT BLANK	P		

Viasat, Inc. v. Acacia Communications, Inc.
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Plaintiff's Exhibit List

Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
128.			INTENTIONALLY LEFT BLANK	P		
129.			INTENTIONALLY LEFT BLANK	P		
130.			INTENTIONALLY LEFT BLANK	P		
131.			INTENTIONALLY LEFT BLANK	P		
132.			INTENTIONALLY LEFT BLANK	P		
133.			Email exchange between Bhupen Shah and Gary Martin, et al., Re viasat at 3:30 today?	P	11/18/2013	ACI018497
134.			E-mail exchange between Gary Martin and Bhupen Shah, et al., Re viasat at 3:30 today?	P	11/18/2013	ACI024315- ACI024316
135.			E-mail exchange between Gary Martin and Larry Pellach Re Viasat at 3:30 today?	P	11/18/2013	ACI024323- ACI024325
136.			INTENTIONALLY LEFT BLANK	P		
137.			INTENTIONALLY LEFT BLANK	P		
138.			INTENTIONALLY LEFT BLANK	P		
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Viasat, Inc. v. Acacia Communications, Inc.

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
142.			INTENTIONALLY LEFT BLANK	P		
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147.			INTENTIONALLY LEFT BLANK	P		
148.			INTENTIONALLY LEFT BLANK	P		
149.			INTENTIONALLY LEFT BLANK	P		
150.			Document entitled, "100G Soft-Decision FEC Selection Analysis"	P	6/12/2009	ACI496402 - ACI496408
151.			INTENTIONALLY LEFT BLANK	P		
152.			E-mail to Gary Martin from Christian Rasmussen, with attached e-mails	P	8/8/2012	ACI159391 - ACI159392
153.			E-mail to Christian Rasmussen from Pierre Humblet	P	1/28/2011	ACI167118
154.			E-mail to Christian Rasmussen from Pierre Humblet	P	5/9/2012	ACI167915 - ACI167917

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
155.			E-mail to Christian Rasmussen from Pierre Humblet	P	11/30/2012	ACI759064 - ACI759065
156.			RE: Frame size for K2.msg	P		ACI158783
157.			E-mail from Pierre Humblet to Peter Monsen, et al., Re denali interleaver	P	1/10/14	ACI019315 - ACI019316
158.			E-mail from Gary Martin to Christian Rasmussen, et al., Re Pico FEC	P	07/13/2015	ACI155153
159.			Viasar's "Low Level Design Specification SDFEC Encoder for the Coherent Optical Receiver Demodulator"	P		ACI007777 - ACI007835
160.			Viasat's "Low Level Design Specification SDFEC Encoder for the Coherent Optical Receiver Demodulator "	P		VIASAT296725 - VIASAT296761
161.			Email to Pierre Humblet from Peter Monsen	P	2/21/2013	ACI016406
162.			Acacia's "Low Level Design Specification Decoder for the Coherent Optical Receiver Demodulator, Sky Project, February 15, 2013, Version 0.1"	P	2/15/2013	
163.			Email exchange between Pierre Humblet and Christian Rasmussen Re Hiring	P	07/12/2013	ACI032143
164.			Email exchange between Peter Monsen and Graeme Pendock, et al., Re Updates to denali cord	P	09/04/2013	ACI026921
165.			Email exchange between Pierre Humblet and Christian Rasmussen, et al., Re FFS and bus width	P	07/05/2012	ACI168025- ACI168026

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
166.			E-mail to Christian Rasmussen from Pierre Humblet	P	2/13/2014	ACI01054515
167.			INTENTIONALLY LEFT BLANK	P		
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170.			INTENTIONALLY LEFT BLANK	P		
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179.			INTENTIONALLY LEFT BLANK	P		

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
180.			INTENTIONALLY LEFT BLANK	P		
181.			INTENTIONALLY LEFT BLANK	P		
182.			INTENTIONALLY LEFT BLANK	P		
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187.			INTENTIONALLY LEFT BLANK	P		
188.			INTENTIONALLY LEFT BLANK	P		
189.			INTENTIONALLY LEFT BLANK	P		
190.			INTENTIONALLY LEFT BLANK	P		
191.			INTENTIONALLY LEFT BLANK	P		
192.			INTENTIONALLY LEFT BLANK	P		
193.			INTENTIONALLY LEFT BLANK	P		

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
194.			INTENTIONALLY LEFT BLANK	P		
195.			INTENTIONALLY LEFT BLANK	P		
196.			INTENTIONALLY LEFT BLANK	P		
197.			INTENTIONALLY LEFT BLANK	P		
198.			INTENTIONALLY LEFT BLANK	P		
199.			INTENTIONALLY LEFT BLANK	P		
200.			Email to Pierre Humblet and Christian Rasmussen from Gary Martin with attached Error Correction	P	1/13/2011	ACI023000- ACI023009
201.			Email exchange between Gary Martin and Pierre Humblet, et al.	P	4/29/2011	ACI158414- ACI158415
202.			INTENTIONALLY LEFT BLANK	P		
203.			INTENTIONALLY LEFT BLANK	P		
204.			Viasat's Low Level Design Specification SDFEC Decoder for the Coherent Optical Receiver Demodulator	P		VIASAT296725 - VIASAT296761
205.			Proposed System Clock and Data Rates	P		ACI013431- ACI013434
206.			Block Diagram	P		ACI013470

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
207.			SDFEC Frame Structure	P		ACI013435- ACI013436
208.			Data Path Interfaces & Clock Rates	P		ACI013411- ACI013417
209.			Everest Update	P	03/17/2010	ACI039416- ACI039436
210.			Acacia Communications, Inc. – Intelligent Subsystems for 100G Transport	P	6/22/2010	ACI039129- ACI039150
211.			FEC for 100G/40G Dual-rate Transmission	P	11/02/2010	ACI016026- ACI016048
212.			Viasat's Low Level Design Specification SDFEC Encoder for the Coherent Optical Receiver Demodulator	P		VIASAT032870 - VIASAT032928
213.			Acacia's Low Level Design Specification Encoder for the Coherent Optical Receiver Demodulator – Sky project, 2/11/13, Version 0.5	P	2/11/2015	ACI000080-123
214.			Email from Christian Rasmussen to Pierre Humblet, et al., attaching K2 architecture - 2011-04-20 view.pptx	P	4/20/2011	ACI028723- ACI028739
215.			Email from Gary Martin to Pierre Humblet, et al., Re Update on striping, shortening etc. (w/attachment)	P	05/11/2011	ACI028805- ACI028814
216.			Email exchange between Christian Rasmussen and Mehmet Aydinlik, et al., Re PMD changes over Everest (w/attachment)	P	07/10/2011	ACI158468- ACI158471

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
217.			Email exchange between Gary Martin and Pierre Humblet, et al., Re Interpolation bug?	P	10/18/2011	ACI158524
218.			INTENTIONALLY LEFT BLANK	P		
219.			INTENTIONALLY LEFT BLANK	P		
220.			INTENTIONALLY LEFT BLANK	P		
221.			Email exchange between Gary Martin and Pierre Humblet, et al., Re DDI scale LUT	P	12/30/2011	ACI158938- ACI158941
222.			Email exchange between Gary Martin and Pierre Humblet, et al., Re: Soft metrics	P	12/30/2013	ACI030258- ACI030260
223.			Email exchange between Pierre Humblet and Gary Martin, et al., Re TPC encoder	P	01/03/2014	AC1032393- AC1032394
224.			INTENTIONALLY LEFT BLANK	P		
225.			Email exchange between Christian Rasmussen and Pierre Humblet, et al., Re: Backward compatibility,	P	11/7/2014	ACI153951- ACI153957
226.			Email exchange between Mehmet Aydinlik and Gary Martin Re TPC decoder question	P	01/06/2015	ACI021828- ACI021829
227.			Email exchange between Gary martin and Pierre Humblet Re Braided code RAM	P	07/01/2015	AC1031330- AC1031332
228.			Email exchange between Gary Martin and Christian Rasmussen, et al., Re backward compatibility	P	08/22/2012	ACI159467- ACI159473

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
229.			Email exchange between Kevin Hinchey and Gary Martin, et al., Re: UW for Sky	P	11/12/2012	ACI016090-ACI016091
230.			Email exchange between Gary Martin and Larry Pellach, et al., Re: ViaSat at 3:30 today? -	P	11/18/2013	ACI024323-ACI024325
231.			INTENTIONALLY LEFT BLANK	P		
232.			Email exchange between Larry Pellach and Gary Martin, et al., FW: Spec (w/out attachment)	P	12/03/2013	ACI030147-ACI030148
233.			Email exchange between Jon Stahl and Larry Pellach, et al., Re Via	P	12/10/2013	ACI833026
234.			Acacia's Encoder Specification, Version 2.1	P	01/9/2015	ACI000015-ACI000039
235.			Acacia's Deinterleaver Design Specification, Version 1.2	P	05/28/2015	ACI000003-ACI000014
236.			Acacia's SD Decoder Specification, Version 1.5	P	05/13/2014	ACI000040-ACI000063
237.			Acacia's Low Level Design Specification SD Decoder for the Coherent Optical Receiver Demodulator – Sky project, Version 0.3	P	04/15/2013	ACI00845064-ACI00845084
238.			Email from Peter Monsen to Pierre Humblet Re: Decoder spec	P	02/21/2013	ACI01410584-ACI01410585
239.			E-mail exchange between Bhupen Shah and Bennet Ih, et al., Re: optical_external_loopback update	P	01/06/2012	ACI148228

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
240.			Email from Peter Monsen to k2-proj Re k2 CORD checkin for FFS	P	01/06/2012	ACI025762
241.			Email exchange between Peter Monsen and Bennet Ih, et al., Re Updated FFS spec	P	01/25/2012	ACI690283
242.			Email exchange between Peijun Shan and Christian Rasmussen Re More metro brain storming (w/attachment)	P	01/27/2012	ACI029224- ACI029243
243.			INTENTIONALLY LEFT BLANK	P		
244.			INTENTIONALLY LEFT BLANK	P		
245.			Email exchange between Pierre Humblet and Christian Rasmusse, et al., Re Everest vs K2 FEC threshold	P	10/04/2012	ACI168125- ACI168126
246.			Email from Peter Monsen to Larry Pellach Re backward compatibility	P	10/10/2012	ACI817401
247.			Email from Petter Monsen to DSP-Optics Re: Everest backward compatibility	P	10/29/2012	ACI149245
248.			Email exchange between Jon Stahl and Larry Pellach, et al., Re UW for Sky	P	11/12/2012	ACI016095- ACI016096
249.			Email exchange between Graeme Pendock and Pierre Humblet Re decoder resgister checker	P	04/30/2013	ACI026327- ACI026328
250.			Email from Pierre Humblet to Peter Monsen Re: everest sdfec update	P	05/30/13	ACI662492- ACI662493

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
251.			Email exchange between Pierre Humblet and Peter Monsen, et al., Re: Denali rates/FEC and pilot symbol discussion	P	09/09/2013	AC1032180-AC1032183
252.			INTENTIONALLY LEFT BLANK	P		
253.			Email exchange between Bhupen Shah and Peter Monson, et al., re: Denali - Everest compatibility mode checked in CORD - part 2	P	06/26/2014	ACI220978-ACI220980
254.			INTENTIONALLY LEFT BLANK	P		
255.			INTENTIONALLY LEFT BLANK	P		
256.			INTENTIONALLY LEFT BLANK	P		
257.			INTENTIONALLY LEFT BLANK	P		
258.			INTENTIONALLY LEFT BLANK	P		
259.			INTENTIONALLY LEFT BLANK	P		
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262.			INTENTIONALLY LEFT BLANK	P		
263.			INTENTIONALLY LEFT BLANK	P		

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
264.			INTENTIONALLY LEFT BLANK	P		
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283.			INTENTIONALLY LEFT BLANK	P		
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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
292.			INTENTIONALLY LEFT BLANK	P		
293.			INTENTIONALLY LEFT BLANK	P		
294.			INTENTIONALLY LEFT BLANK	P		
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296.			INTENTIONALLY LEFT BLANK	P		
297.			INTENTIONALLY LEFT BLANK	P		
298.			INTENTIONALLY LEFT BLANK	P		
299.			INTENTIONALLY LEFT BLANK	P		
300.			E-mail exchange between Benny Mikkelsen and Eric Swanson Re: SKY features-Metro	P	10/5/2012	ACI041186- ACI041187
301.			INTENTIONALLY LEFT BLANK	P		
302.			E-mail exchange between Benny Mikkelsen and Eric Swanson, et al., Re: Meeting Minutes and Action Items & ECC	P	7/5/2009	ACI038468- ACI038469
303.			E-mail exchange between Benny Mikkelsen and Bhupen Shah, et al., Re: Good News! Updated ECC Quote [FWD: Updated ROM]	P	7/8/2009	ACI013570- ACI013571

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
304.			Acacia's Intelligent Subsystems for 100G Transport: What we have accomplished with seed funding (PowerPoint)	P	10/14/2009	ACI038683-ACI038693
305.			E-mail exchange between Benny Mikkelsen and Stan Reiss, et al., Re: What the hell is this	P	3/18/2010	ACI232413-ACI232414
306.			E-mail exchange between Benny Mikkelsen and Eric Swanson, et al., Re: Why is ViaSat coming to NSN meeting?	P	6/10/2010	ACI232421-ACI232422
307.			Email from Benny Mikkelsen to Bhupen Shah FW: Clarifications on CFAT	P	11/02/2010	ACI015387-ACI015390
308.			Acacia's PowerPoint entitled "Metro DSP ASIC update 2012-08-31"	P	08/31/2012	ACI233218-ACI233222
309.			E-mail exchange between John Gavin and Benny Mikkelsen, et al., Re IP_Preparation.pptx (w/attachment)	P	04/08/2013	ACI034457-ACI034461
310.			Acacia's PowerPoint entitled "OTN and Backwards Compatible FEC Considerations"	P	03/23/2017	ACI041046-ACI041050
311.			E-mail from Christian Rasmussen to Benny Mikkelsen (With attached translation)	P	11/21/2013	ACI033831
312.			E-mail exchange between Christian Rasmussen and Benny Mikkelsen, et al., Re: Viasat-update	P	3/03/2014	ACI036815 - ACI036820
313.			INTENTIONALLY LEFT BLANK	P		

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
314.			INTENTIONALLY LEFT BLANK	P		
315.			INTENTIONALLY LEFT BLANK	P		
316.			INTENTIONALLY LEFT BLANK	P		
317.			ViaSat's Low Level Design Specification SDFEC Decoder for the Coherent Optical Receiver Demodulator	P		VIASAT111990 - VIASAT112005
318.			ViaSat's Low Level Design Specification SDFEC Decoder for the Coherent Optical Receiver Demodulator	P		
319.			ViaSat's Low Level Design Specification SDFEC Decoder for the Coherent Optical Receiver Demodulator	P		VIASAT114235 - VIASAT114275
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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
340.			INTENTIONALLY LEFT BLANK	P		
341.			INTENTIONALLY LEFT BLANK	P		
342.			E-Mail exchange between Sameep Dave and Chandrasekar Re acacia	P	03/13/2014	VIASAT275176 - VIASAT275179
343.			INTENTIONALLY LEFT BLANK	P		
344.			E-mail from Sameep Dave to Bhupen Shah, et al., Re Functional Spec	P	02/23/2010	VIASAT101214 - VIASAT101286
345.			INTENTIONALLY LEFT BLANK	P		
346.			INTENTIONALLY LEFT BLANK	P		
347.			INTENTIONALLY LEFT BLANK	P		
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356.			INTENTIONALLY LEFT BLANK	P		
357.			INTENTIONALLY LEFT BLANK	P		
358.			INTENTIONALLY LEFT BLANK	P		
359.			ViaSat Aurora Architecture Spec	P		VIASAT278720 - 45
360.			INTENTIONALLY LEFT BLANK	P		
361.			INTENTIONALLY LEFT BLANK	P		
362.			Draft Mutually Agreed Upon Specification for 100 Gbps Coherent DWDM Demodulator Rev. 002	P	11/10/2009	VIASAT001625 - VIASAT001639
363.			INTENTIONALLY LEFT BLANK	P		
364.			INTENTIONALLY LEFT BLANK	P		
365.			INTENTIONALLY LEFT BLANK	P		

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373.			INTENTIONALLY LEFT BLANK	P		
374.			Resume of Fan Mo	P		
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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
380.			Email exchange between Fan Mo and Russell Fuerst, et al., Re Acacia presentation and TPC	P	03/31/2015	VIASAT165737
381.			INTENTIONALLY LEFT BLANK	P		
382.			INTENTIONALLY LEFT BLANK	P		
383.			INTENTIONALLY LEFT BLANK	P		
384.			INTENTIONALLY LEFT BLANK	P		
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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
464.			INTENTIONALLY LEFT BLANK	P		
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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
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498.			INTENTIONALLY LEFT BLANK	P		
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500.			Letter to Ted M. Gammell from Bhupen Shah Re IP Core Development and License Agreement	P	03/18/2013	ACI013280-ACI013281
501.			IP Core Development and License Agreement No. TG11102009	P	11/20/2009	
502.			INTENTIONALLY LEFT BLANK	P		
503.			ViaSat Royalty Payments and Liabilities	P	1/24/2016	ACI000001
504.			Email from Christian Rasmussen to Bhupen Shah Re Denali FEC	P	02/18/2014	ACI036683-ACI036684

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
505.			Email exchange between Raj Shanmugaraj to Benny Mikkelsen, et al., FW: Letter notice Re: ViaSat-Acacia IP Core Dev&License Agmt No. TG11102009	P	03/13/2013	ACI034251-ACI034252
506.			Email exchange from Christian Rasmussen to Benny Mikkelsen, et al., Re new numbers from ECC	P	07/2/2009	ACI013555
507.			Email exchange between Benny Mikkelsen and Eric Swanson, et al., Re Meeting Minutes and Action Items & ECC	P	07/5/2009	ACI038468-ACI038469
508.			Email exchange between Benny Mikkelsen to Bhupen Shah, et al., Re Good news! Updated ECC quote	P	07/8/2009	ACI013570-ACI013571
509.			Email from Russell Fuerst to Bhupen Shah Re Updated ROM (w/attachment)	P	07/17/2009	ACI038631
510.			ECC Visit	P	07/22/2009	ACI038417-ACI038418
511.			Email from Bhupen Shah to CR.Denmark, et al., Re ECC visit notes	P	07/23/2009	ACI038416
512.			Email from Bhupen Shah to CR.Denmark, et al., Re ECC contract details-brainstorming email	P	08/05/2009	ACI038409
513.			Email exchange between Eric Swanson and Stan Reiss Re fyi	P	08/20/2009	MATRIX00002 29- MATRIX00002 30

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
514.			E-mail exchange between Christian Rasmussen and Benny Mikkelsen, et al., Re Additional info from ECC	P	08/21/2009	ACI038391- ACI038394
515.			Email from Benny Mikkelsen to Bhupen Shah, et al., Re Revenue scenarios (w/attachment)	P	10/13/2009	MATRIX00002 35- MATRIX00002 55
516.			INTENTIONALLY LEFT BLANK	P		
517.			Email exchange between Eric Swanson and John Lomedico, et al., Re Google and Acacia	P	02/01/2010	MATRIX00004 28- MATRIX00004 29
518.			E-mail exchange between Raj Shanmugaraj and Christian Rasmussen, et al., Re ECC Strawman	P	03/19/2010	ACI014962- ACI014964
519.			Acacia's Everest Architecture	P	06/22/2010	ACI039129- ACI039150
520.			Acacia's FEC Discussion 10-28-2010 PowerPoint	P	10/28/2010	ACI01415470
521.			E-mail exchange between Bhupen Shah and Christian Rasmussen, et al., Re FEC notes	P	11/08/2010	ACI740116- ACI740118
522.			Email exchange between Christian Rasmussen and Bhupen Shah, et al., Re 101119 ViaSat Acacia SOW_v5 (3) Table	P	12/06/2010	ACI015417- ACI015418

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
523.			E-mail exchange between Bhupen Shah and Christian Rasmussen Re SD FEC/Dini platform	P	12/13/2010	ACI740412
524.			Everest Architecture	P		ACI778505- ACI778520
525.			E-mail from Christian Rasmussen to Benny Mikkelsen, et al., Re metro slides	P	08/31/2012	ACI233224; ACI233218- ACI233222
526.			Email exchange between Jon Bennike and Bhupen Shah, et al., Re FEC-bypass mode	P	02/20/2013	ACI034200
527.			TPC FEC Status using 'Sky' techniques	P	08/20/2013	ACI169062- ACI169064
528.			Email exchange between Benny Mikkelsen and Bhupen Shah, et al., Re Denali schedule	P	09/19/2013	ACI041218
529.			E-mail exchange between Christian Rasmussen and Bhupen Shah, et al., Re Patent committee feedback required 082813.pptx	P	09/30/2013	ACI033565- ACI033566
530.			E-mail exchange between Bhupen Shah and Christian Rasmussen, et al., Re Question about: TPC	P	10/16/2013	ACI033678- ACI033679
531.			E-mail exchange between Gary Martin and Christian Rasmussen, et al., Re Gary's next tasks	P	11/13/2013	ACI024247 -ACI024248
532.			E-mail exchange between Christian Rassmussen and Bhupen Shah Re Denali schedule items	P	11/14/2013	ACI777624 -ACI777625

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
533.			E-mail exchange between Bhupen Shah and Christian Rasmussen, et al., Re working with viasat	P	12/11/2013	ACI040519 to ACI040520
534.			Technical Status	P		ACI033907 to ACI033912
535.			E-mail exchange between Bhupen Shah and John LoMedico, et al., Re AC-100 CFP module	P	03/20/2014	ACI174669 to ACI174670
536.			ViaSat Royalty Payments and Liabilities Spreadsheet	P		ACI01302381
537.			Untitled Spreadsheet	P		ACI143482
538.			Acacia Communications Detail P&L Dec-16 Spreadsheet	P		
539.			Acacia Communications Detail P&L Dec-16 Spreadsheet	P		
540.			Email from Raj Shanmugaraj to elkz@comcast.net Re Viasat-half a thought	P	05/27/2010	ACI736332-ACI736333
541.			E-Mail from Raj Shanmugaraj to Bhupen Shah, et al., FW: ViaSat-Acacia Partnership Meeting Request	P	03/31/2010	ACI014972-ACI014973
542.			Email from Raj Shanmugaraj to Stan Reiss, et al., Re NEA_04_21_10_followup_rev1.pptx	P	05/02/2010	MATRIX00005 10- MATRIX00005 39
543.			E-Mail from Benny Mikkelsen to Eric Swanson Re Why is ViaSat coming to NSN meeting?	P	06/10/2010	ACI232421-ACI232422

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544.			Calendar invite Re Discuss future roadmap items for ECC visit 8/18	P	08/12/2010	ACI779141
545.			INTENTIONALLY LEFT BLANK	P		
546.			Email from Raj Shanmugaraj to Eric Swanson, et al., Re Viasat_Update_081810_v4.pptx (with attachments)	P	08/18/2010	ACI015163- ACI015180
547.			Email exchange between Eric Swanson and Raj Shanmugaraj, et al., Re Confidential	P	11/02/2012	MATRIX00015 60- MATRIX00015 76
548.			Real-time DSP for 100+GS/s	P		ACI034085- ACI034087
549.			Email exchange between Raj Shanmugaraj and Christian Rasmussen, et al., Re Updated OFC paper	P	11/27/2012	ACI034088- ACI034089
550.			INTENTIONALLY LEFT BLANK	P		
551.			Email exchange between Raj Shanmugaraj and Christian Rasmussen, et al., Re Viasat FEC	P	05/20/2013	ACI034473
552.			E-Mail from Raj Shanmugaraj to Stan Reiss Re Acacia Update (w/ attachment)	P	11/18/13	MATRIX00023 95- MATRIX00024 06

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553.			Email exchange between Bhupen Shah and Christian Rasmussen, et al., Re SDFEC IP Core Licensing Agreement	P	11/26/2013	ACI033856
554.			Email from Christian Rasmussen to Bhupen Shah Re Viasat contract	P	02/03/2014	ACI033035- ACI033036
555.			INTENTIONALLY LEFT BLANK	P		
556.			Email from Raj Shanmugaraj to John Gavin Re Viasat	P	05/06/2014	ACI01340453- ACI01340455
557.			E-Mail from Raj Shanmugaraj to Stan Reiss Re Acacia Communications_V2.pptx (w/attachment)	P	2/2/15	MATRIX00032 17- MATRIX00032 31
558.			INTENTIONALLY LEFT BLANK	P		
559.			E-mail exchange between Pierre Humblet and Christian Rasmussen, et al., Re backward compatibility	P	11/07/2014	ACI153951- ACI153957
560.			Email exchange between Christian Rasmussen and Pierre Humblet Re FEC FPGA emulation	P	05/09/2012	ACI167915- ACI167917
561.			Email exchange between Jim Duda and Larry Pellach, et al., Re Sky interleaving/de-interleaving latency	P	04/13/2012	ACI034476- ACI034477
562.			Email exchange between Christian Rasmussen and Benny Mikkelsen, et al., Re Additional info from ECC	P	08/21/2009	ACI038391- ACI038394

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
563.			Email from Christian Rasmussen to Mehrdad Givehchi Re FEC paper for Pierre	P	10/24/2012	ACI015953-ACI015960
564.			Email from Christian Rasmussen to Mehrdad Givehchi Re FEC paper for Pierre	P	10/26/2012	ACI015962
565.			Email exchange between Eric Swanson and Christian Rasmussen, et al., Re Mutual NDA Viasat-Acacia	P	06/13/2009	ACI038474-ACI038475
566.			Email exchange between Christian Rasmussen and Russell Fuerst Re Questions to SD-FEC	P	06/15/2009	ACI038462
567.			Email from CR_Denmark to Benny Mikkelsen Re Soft Decision Options 4.pptx (w/attachment)	P	06/18/2009	ACI038525; ACI038501-ACI038524
568.			INTENTIONALLY LEFT BLANK	P		
569.			E-mail exchange between Christian Rasmussen and Bhupen Shah, et al., Re Updated ROM	P	07/17/2009	ACI013578-ACI013579
570.			Email exchange between Bhupen Shah and Benny Mikkelsen, et al., Re ASSP concept-please review	P	08/07/2009	ACI223105
571.			Email exchange between Christian Rasmussen and Bhupen Shah, et al., Re ECC secrecy	P	12/09/2009	ACI014454-ACI014457
572.			Email exchange between Bhupen Sha and Christian Rasmussen Re ECC-2	P	12/09/2009	ACI223635-ACI223636
573.			Email exchange between Christian Rasmussen and Eric Swanson Re 3-4 at your office on October 28th	P	10/24/2010	ACI779499-ACI779502
574.				P		

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
575.			INTENTIONALLY LEFT BLANK	P		
576.			Email from Pierre Humblet to Christian Rasmussen Re Accepted: Get advice from Benny...	P	03/01/2011	ACI167133
577.			Email exchange between Christian Rasmussen and to Mehmet Aydinlik Re Provisional patents	P	03/02/2011	ACI1028631- ACI1028632
578.			Email from Pierre Humblet to Peijun Shan FW: PMC: Unique Word Effectiveness	P	04/07/2011	ACI025707- ACI025713
579.			Email from Christian Rasmussen to Bhupen Shah, et al., Re Hiring Sameep?	P	11/04/2015	ACI034568
580.			Email exchange between Christian Rasmussen and Bhupen Shah Re FEC expertise	P	05/11/2015	ACI034691
581.			Email exchange between Christian Rasmussen and Don Cummings Re FEC expert	P	06/12/2013	ACI774635- ACI774636
582.			Email exchange between Christian Rasmussen and Eric Swanson, et al., Re Bubbly sales talk to Fan&Sameep from Viasat	P	10/14/2011	ACI752398- ACI752405
583.			Spreadsheet	P		ACI158701
584.			Email from Christian Rasmussen to Benny Mikkelsen, et al., Re Conversation with Russell/ECC	P	11/13/2011	ACI015510
585.			Spreadsheet	P		ACI158700
586.			Email exchange between Christian Rasmussen and Gary Martin Re Metro FEC (w/attachment)	P	11/18/2011	ACI158698- ACI158699

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
587.			Email exchange between Pierre Humblet and Christian Rasmussen Re Metro FEC	P	02/06/2012	ACI167827-ACI167828
588.			Email exchange between Christian Rasmussen and Pierre Humblet Re Acacia FEC	P	03/12/2012	ACI159108-ACI159109
589.			Email exchange between Pierre Humblet and Christian Rasmussen Re Acacia FEC	P	03/14/2012	ACI167871-ACI167872
590.			Email exchange between Gary Martin and Christian Rasmussen, et al., Re Acacia FEC	P	03/14/2012	ACI148609-ACI148610
591.			Email exchange between Gary Martin and Christian Rasmussen Re Acacia FEC	P	03/14/2012	ACI148614-ACI148616
592.			Email exchange between Christian Rasmussen and Pierre Humblet, et al., FW: FEC Questions	P	03/14/2012	ACI029333-ACI029348
593.			E-Mail exchange between Pierre Humblet and Christian Rasmussen, et al., Re backward compatibility	P	08/13/2012	ACI168088 - ACI168091
594.			Email exchange between Christian Rasmussen and Bhupen Shah, et al., Re Viasat Contract	P	02/03/2014	ACI033037-ACI033039
595.			INTENTIONALLY LEFT BLANK	P		
596.			Email exchange between Christian Rasmussen and Peijun Shan, et al., Re K2 architecture	P	04/20/2011	ACI158406-ACI158407
597.			Email exchange between Bhupen Shah and Bennet Ih, et al., Re Optical_external_loopback update	P	01/06/2012	ACI148228
598.				P		

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599.			INTENTIONALLY LEFT BLANK	P		
600.			Note: Denali DSP Meeting 9 Sept: FRAMING, UW, PILOTS, FFS, etc.	P		ACI057274- ACI057275
601.			E-mail exchaing between Mehmet Aydinlik and Christian Rasmussen, et al., Re Provisional patents	P	03/01/2011	ACI028620 to ACI028630
602.			E-mail exchange between Mehmet Aydinlik and Christian Rasmussen, et al., Re Soft Bit Metric Generation... (w/attachment)	P	03/03/2011	ACI486785 to ACI486794
603.			E-mail exchange between Jim Duda and Peter Monsen, et al., Re hlbd_demod_out TB	P	01/03/2013	ACI657405- ACI657408
604.			Sky a0 Encoder Design Review	P	05/09/2017	ACI693048- ACI693066
605.			E-mail exchange between Larry Pellach and Christian Rasmussen, et al., Re STAT block question	P	10/15/2013	ACI058992 to ACI058993
606.			E-mail exchange between Pierre Humblet and Gary Martin Re 3D code	P	11/27/2013	ACI032318 to ACI032319
607.			E-mail exchange between Christian Rasmussen and Gary Martin, et al., Re 15% TPC performance	P	12/7/2013	ACI030222 to ACI030225

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608.			E-mail from Larry Pellach to Gary Martin Re Soft Metrics	P	12/23/2013	ACI027764
609.			E-mail exchange between Mehmet Aydinlik and Gary Martin, et al., Re 15% NCG	P	01/14/2014	ACI030291 to ACI030298
610.				P		
611.			Nondisclosure Agreement	P		VIASAT297405 - VIASAT297408
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618.			IP Core Development and License Agreement No. TG11102009	P		
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630.			INTENTIONALLY LEFT BLANK	P		
631.			INTENTIONALLY LEFT BLANK	P		
632.			INTENTIONALLY LEFT BLANK	P		
633.			Email exchange between Raj Chandrasekar and Sameep Dave Re Acacia	P	03/31/2014	VIASAT275172 - VIASAT275175

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
634.			INTENTIONALLY LEFT BLANK	P		
635.			Email exchange between Raj Chandrasekar and Bob Parker Re Acacia Meeting	P	07/20/2009	VIASAT129721
636.			INTENTIONALLY LEFT BLANK	P		
637.			INTENTIONALLY LEFT BLANK	P		
638.			INTENTIONALLY LEFT BLANK	P		
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641.			INTENTIONALLY LEFT BLANK	P		
642.			INTENTIONALLY LEFT BLANK	P		
643.			IP Core Development and License Agreement No. TG11102009	P	11/20/2009	
644.			Email exchange between Prakash Chitre and Ted Gammell, et al., Re NSN meeting yesterday....	P	09/15/2010	VIASAT194892 - VIASAT194893
645.			INTENTIONALLY LEFT BLANK	P		
646.			INTENTIONALLY LEFT BLANK	P		

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654.			VIASAT297572 – 85	P		
655.			VIASAT297499 – 524	P		
656.			INTENTIONALLY LEFT BLANK	P		
657.			VIASAT297615 – 634	P		
658.			INTENTIONALLY LEFT BLANK	P		
659.			INTENTIONALLY LEFT BLANK	P		
660.			VIASAT297669 – 670	P		

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
661.			VIASAT297497 – 98	P		
662.			INTENTIONALLY LEFT BLANK	P		
663.			INTENTIONALLY LEFT BLANK	P		
664.			INTENTIONALLY LEFT BLANK	P		
665.			INTENTIONALLY LEFT BLANK	P		
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668.			INTENTIONALLY LEFT BLANK	P		
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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
675.			INTENTIONALLY LEFT BLANK	P		
676.			Viasat Supplemental Response to Acacia Interrogatory No. 25	P		
677.			INTENTIONALLY LEFT BLANK	P		
678.			INTENTIONALLY LEFT BLANK	P		
679.			INTENTIONALLY LEFT BLANK	P		
680.			INTENTIONALLY LEFT BLANK	P		
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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
689.			INTENTIONALLY LEFT BLANK	P		
690.			Acacia's Provisional Patent Application No. 61/449,812	P	03/07/2011	
691.			INTENTIONALLY LEFT BLANK	P		
692.			INTENTIONALLY LEFT BLANK	P		
693.			INTENTIONALLY LEFT BLANK	P		
694.			INTENTIONALLY LEFT BLANK	P		
695.			INTENTIONALLY LEFT BLANK	P		
696.			INTENTIONALLY LEFT BLANK	P		
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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
703.			INTENTIONALLY LEFT BLANK	P		
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712.			INTENTIONALLY LEFT BLANK	P		
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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
717.			INTENTIONALLY LEFT BLANK	P		
718.			INTENTIONALLY LEFT BLANK	P		
719.			INTENTIONALLY LEFT BLANK	P		
720.			INTENTIONALLY LEFT BLANK	P		
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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
731.			INTENTIONALLY LEFT BLANK	P		
732.			INTENTIONALLY LEFT BLANK	P		
733.			INTENTIONALLY LEFT BLANK	P		
734.			INTENTIONALLY LEFT BLANK	P		
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736.			INTENTIONALLY LEFT BLANK	P		
737.			INTENTIONALLY LEFT BLANK	P		
738.			INTENTIONALLY LEFT BLANK	P		
739.			INTENTIONALLY LEFT BLANK	P		
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743.			INTENTIONALLY LEFT BLANK	P		
744.			INTENTIONALLY LEFT BLANK	P		

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745.			INTENTIONALLY LEFT BLANK	P		
746.			INTENTIONALLY LEFT BLANK	P		
747.			INTENTIONALLY LEFT BLANK	P		
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749.			INTENTIONALLY LEFT BLANK	P		
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758.			INTENTIONALLY LEFT BLANK	P		

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
759.			INTENTIONALLY LEFT BLANK	P		
760.			INTENTIONALLY LEFT BLANK	P		
761.			INTENTIONALLY LEFT BLANK	P		
762.			INTENTIONALLY LEFT BLANK	P		
763.			<i>Michael Rice's Digital Communications: A Discrete-Time Approach</i> (April 2008)	P		VIASAT299632 - VIASAT300431
764.			<i>Ying-Ren Chien's Reduction of Loop Delay for Digital Symbol Timing Recovery Systems Using Asynchronous Equalization</i> (May 2009)	P		VIASAT304950 - VIASAT304953
765.			<i>Floyd M. Gardner's Interpolation in Digital Modems-Part I: Fundamentals</i> (Mar. 1993)	P		VIASAT304962 - VIASAT304968
766.			<i>Maxim Kuschnerov's DSP for Coherent Single-Carrier Receivers</i> (June 2009)	P		VIASAT304969 - VIASAT304977
767.			U.S. Patent Application No. 2005/0243952 (Apr. 2004)	P		VIASAT304128 - VIASAT304146
768.			U.S. Patent No. 6,519,773 (Feb. 2000)	P		VIASAT303114 - VIASAT303138

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
769.			William R. Dieter's <i>Power Reduction by Varying Sampling Rate</i> (Aug. 2005)	P		VIASAT303759 - VIASAT303764
770.			Brian P. Ginsburg's <i>500-MS/s 5-bit ADC in 65-nm CMOS With Split Capacitor Array DAC</i> (Apr. 2007)	P		VIASAT302539 - VIASAT302547
771.			Brian P. Ginsburg's <i>Highly Interleaved 5-bit, 250 MSample/s, 1.2-mW ADC With Redundant Channels in 65-nm CMOS</i> (Dec. 2008)	P		VIASAT302702 - VIASAT302711
772.			Berkeley Lecture (2008)	P		VIASAT302668 - VIASAT302697
773.			John G. Proakis's <i>Contemporary Communication Systems Using MATLAB and Simulink</i> (1998)	P		VIASAT305032 - VIASAT305253
774.			Peng Fei Wang's <i>Design and Performance Analysis of VDSL Systems with Per-tone Equalization</i> , Masters thesis, Concordia University, Montreal, Quebec, Canada (Nov. 2006)	P		VIASAT302831 - VIASAT302944
775.			U.S. Patent Application No. 2003/0086515 (July 1997)	P		VIASAT303504 - VIASAT303699

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776.			U.S. Patent No. 6,791,995 (June 2002)	P		VIASAT303244 - VIASAT303307
777.			C. Richard Johnson, Jr.'s <i>Blind Equalization Using the Constant Modulus Criterion: A Review</i> (Oct. 1998)	P		VIASAT304087 - VIASAT304127
778.			Seb J. Savory's <i>Digital filters for coherent optical receivers</i> (II) (Jan. 2008)	P		VIASAT302548 - VIASAT302561
779.			U.S. Patent No. 6,370,191 (Nov. 1999)	P		VIASAT302945 - VIASAT302959
780.			U.S. Patent No. 6,985,549 (Oct. 2000)	P		VIASAT303090 - VIASAT303113
781.			U.S. Patent No. 7,031,405 (Nov. 2000)	P		VIASAT303374 - VIASAT303393
782.			U.S. Patent No. 7,349,469 (Aug. 2001)	P		VIASAT303009 - VIASAT303029
783.			U.S. Patent No. 7,885,323 (Feb. 2007)	P		VIASAT302983 - VIASAT303008

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784.			Seb J. Savory's <i>Electronic compensation of chromatic dispersion using a digital coherent receiver</i> (I) (Mar. 2007)	P		VIASAT303700 - VIASAT303706
785.			U.S. Patent No. 5,243,624 (July 1991)	P		VIASAT303404 - VIASAT303417
786.			U.S. Patent No. 5,835,532 (Mar. 1994)	P		VIASAT303450 - VIASAT303461
787.			U.S. Patent No. 6,507,585 (May 1998)	P		VIASAT303226 - VIASAT303243
788.			U.S. Patent No. 6,219,379 (Nov. 1998)	P		VIASAT303172 - VIASAT303179
789.			A. O. Lima's <i>A Novel Polarization Diversity Receiver for PMD Mitigation</i> (Apr. 2002)	P		VIASAT302302 - VIASAT302304
790.			Jian Yang's <i>The Multimodulus Blind Equalization and Its Generalized Algorithms</i> (June 2002)	P		VIASAT302305 - VIASAT302323
791.			U.S. Patent No. 7,342,976 (Jan. 2004)	P		VIASAT303326 - VIASAT303373

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792.			U.S. Patent No. 7,315,575 (Mar. 2004)	P		VIASAT303308 - VIASAT303325
793.			Milos Milosevic's <i>Maximizing Data Rate of Discrete Multitone Systems using Time Domain Equalization Design</i> (May 2003)	P		VIASAT302346 - VIASAT302538
794.			http://ir.acacia-inc.com/phoenix.zhtml?c=254242&p=irol-newsArticle&ID=2103161 ; Discussions with Prof. Krishna Narayanan, Ph.D.	P		
795.			https://acacia-inc.com/product/ac100-msa/	P		
796.			Doc produced by Matrix	P		MATRIX00005 11–39
797.			Doc produced by Matrix	P		MATRIX00002 36 – 55
798.			Doc produced by Matrix	P		MATRIX00012 49 – 50
799.			Acacia Form S-1 filed on December 21, 2015, p. 84	P	12/21/2015	
800.			Email exchange between Pierre Humblet and Christian Rasmussen, et al., Re Backward Compatibility	P	11/21/2012	ACI757502 – ACI757508
801.			Email exchange between Feng-hai Liu and Jon Bennike, et al., Re Backward Compatibility	P	11/27/2012	ACI242109 – ACI242110

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802.			Device Comparison Sheet 16103.xlsx	P	04/18/2016	ACI453471
803.			19060_JNPR_00000817 – 819	P		
804.			19060_JNPR_00000358-359	P		
805.			Acacia's U.S. Patent Application Publication No. 13/413,873	P		
806.			Acacia's U.S. Patent Application Publication No. 13/413,905	P		
807.			Letter from Michael Albert to Kenneth Fitzgerald	P	07/14/2016	
808.			Email exchange between Christian Rasmussen and Raj Shanmugaraj, et al., Re 100G Status Update	P	06/23/2011	ACI01324870- ACI01324873
809.			Email from Mehmet Aydinlik to Christian Rasmussen, et al., Re Results with lower data and coefficient widths with Everest	P	02/21/2013	ACI468710- ACI468711
810.			Acacia Communications, Inc.'s Responses to ViaSat, Inc.'s Requests for Admission (Set One)	P	10/03/2016	
811.			Acacia Communications, Inc.'s Responses to ViaSat, Inc.'s Interrogatories (Set One)	P	10/03/2016	
812.			Acacia Communications, Inc.'s Supplemental Responses to ViaSat, Inc.'s Request for Admission (Set One)	P	11/23/2016	

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813.			Acacia Communications, Inc.'s Supplemental Responses to ViaSat, Inc.'s Interrogatories (Set One)	P	11/23/2016	
814.			Acacia Communications, Inc.'s Supplemental Responses to ViaSat, Inc.'s Request for Admission (Set One)	P	07/07/2017	
815.			Acacia Communications, Inc.'s Supplemental Responses to ViaSat, Inc.'s Interrogatories (Set Two)	P	09/22/2017	
816.			Fan Mo's Petition Under 37 CFR 1.47(a)	P	05/22/2012	
817.			Letter from Janene Asgeirsson from Erik S. Bliss Re IP Core Development and License Agreement No. TG11102009	P	08/13/2015	
818.			Email exchange between Supriyo Dey and Christian Rasmussen, et al., Re Geoff's "ideal" solution for DSP & ASIC	P	11/09/2007	ACI015514-15
819.			Royalty Worksheet	P	07/17/2009	ACI733766
820.			Royalty Worksheet	P	07/17/2009	ACI01000398
821.			Royalty Worksheet	P	07/27/2009	ACI01000460
822.			Fme and ECC	P	10/29/2009	ACI779511
823.			ECC-Variance	P	11/13/2009	aci013328

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
824.			Email from Bhupen Shah to Benny Mikkelsen FW: Tx Spec review...	P	03/11/2010	aci285568
825.			ViaSat's Low Level Design Specification SDFEC Encoder for the Coherent Optical Receiver Demodulator	P	03/11/2010	ACI085569- ACI085618
826.			Review_minutes_Encoder.xls	P	03/11/2010	aci285619
827.			Email exchange between Christian Rasmussen and Benny Mikkelsen, et al., FW: ECC Letter	P	03/30/2010	aci740857- aci740858
828.			Acacia's Intelligent Subsystems for 100G Transport: ViaSat Presentation	P	04/21/2010	aci014996- aci015009
829.			Email exchange between Larry Pellach and Bhupen Shah Re block diagram (w/attachment)	P	06/09/2010	aci780653- aci780654
830.			DSP PowerPoint	P	06/16/2009	aci01415114
831.			Email exchange between Benny Mikkelsen and Raj Shanmugaraj Re pathmal message	P	07/02/2010	aci232377- aci232378
832.			FEC for 100G/40G Dual-rate Transmission	P	11/2/2010	aci028454- aci028476
833.			Email exchange between Christian Rasmussen and Benny Mikkelsen, et al., FW: Refuse of our 100g FEC for 40G w/higher coding gain	P	11/03/2010	aci741900- aci741922
834.			Email exchange between Christian Rasmussen and Peijun Shan, et al., Re K2 architecture	P	04/20/2011	aci158406- aci158407

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
835.			K2 design parameters PowerPoint	P	04/20/2011	aci456366-aci456381
836.			Email from Christian Rasmussen to Pierre Humblet, et al., Re K2 architecture (w/attachment)	P	04/20/2011	aci456365-aci456381
837.			K2 design parameters	P	04/20/2011	aci028724-aci028739
838.			Email exchange between Gary Martin and Christian Rasmussen Re K2 architecture	P	04/20/2011	aci109787-aci109788
839.			Email exchange between Gary Martin and Pierre Humblet, et al., Re possible SDEC 10 to 5 data bus reduction	P	04/29/2011	aci109813-aci109814
840.			Email exchange between Raj Shanmugaraj and John Lomedico, et al., FW: NSN June 28 2011_v2.pptx	P	06/28/2011	aci745429-aci745449
841.			Low Power PMD Spec	P	07/11/2011	aci023108-aci023139
842.			Email from Christian Rasmussen to DSP-Optics, et al., Re Tomorrow's DSP/Optics group meeting at 10am (conf room 1)	P	08/03/2011	aci158478
843.			Email exchange between Christian Rasmussen and Pierre Humblet Re Patent, part 1	P	08/11/2011	aci158483-aci158484
844.			Email from Pierre Humblet to Christian Rasmussen Re CPR architecture (w/attachment)	P	08/17/2011	aci01410634-aci01410635

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845.			Acacia's Low Level Design Specification Carrier Phase Recovery for the Coherent Optical Receiver Demodulator	P	08/18/2011	aci224693-aci224732
846.			Email exchange between Christian Rasmussen and Pierre Humblet Re CPR architecture	P	08/18/2011	aci148096-aci148097
847.			Email exchange between Mehrdad Givchchi and Christian Rasmussen Re Draft email that one of us could send to "all" in prep for CEO-founders at 9:30am	P	10/04/2011	aci01323937-aci01323938
848.			Email exchange between Christian Rasmussen and Mehmet Aydinlik Re Com and on/off time data alignment	P	10/12/2011	aci752340-aci752341
849.			Email exchange between Raj Shanmugaraj and Eric Swanson, et al., Re Bubbly sales talk to Fan&Sameep from Viasat	P	10/14/2011	aci747822-aci747828
850.			Email exchange between Eric Swanson and Christian Rasmussen, et al., Re Sameep	P	10/21/2011	aci748039-aci748040
851.			Email exchange between Eric Swanson and Christian Rasmussen, et al., Re calls this week	P	11/10/2011	aci748697-aci748699
852.			Email exchange between Christian Rasmussen and Eric Swanson Re Calls this week	P	11/10/2011	aci752968-aci752970
853.			Email exchange between Christian Rasmussen and Gary Martin, et al., Re Frame size for K2	P	12/14/2011	aci025733-aci025735

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854.			Email from Pierre Humblet to Jon Stahl, et al., Re LoveLevelSpec_FFS.doc (w/original attachment)	P	12/14/2011	ACI031695
855.			Email exchange between Christian Rasmussen and Pierre Humblet Re LoveLevelSpec_FFS.doc	P	12/14/2011	aci148185
856.			ViaSat's Low Level Design Specification FEC Frame Synchronizer for the Coherent Optical Receiver Demodulator	P	12/14/2011	aci031696-aci031724
857.			Email from Pierre Humblet to Gary Martin attaching LowLevelSpec_CPR.doc (w/ original attachment)	P	12/19/2011	aci031725
858.			ViaSat's Low Level Design Specification Carrier Phase Recovery for the Coherent Optical Receiver Demodulator	P	12/19/2011	aci031726-aci031763
859.			Email exchange between Peijun Shan and Pierre Humblet Re DDI	P	12/26/2011	aci158885-aci158887
860.			Email exchange between Larry Pellach and Peijun Shan Re DDI	P	12/27/2011	aci148202-aci148205
861.			Email from Pierre Humblet to Gary Martin FW: DDI	P	12/27/2011	aci167765-aci167768
862.			Email exchange between Jon Stahl and Peter Monsen, et al., Re FFS timeout	P	12/30/2011	aci148208
863.			Email from Pierre Humblet to Peter Monsen Attaching UW_design_and_performance.doc	P	1/4/2012	aci031767-aci031771
864.			Brainstorming---DSP Design for 100G Metro	P	1/12/2012	aci029213-aci029223

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865.			Email exchange between Pierre Humblet and Christian Rasmussen Re soft metrics patents	P	2/3/2012	aci167823-aci167824
866.			Email exchange between Gary Martin and Christian Rasmussen Re FEC summary	P	2/16/2012	aci159031-aci159034
867.			Email exchange between Gary Martin and Christian Rasmussen Re FEC mapping changes to reduce delay	P	2/23/2012	aci023404-aci023407
868.			Email exchange between Graeme Pendock and Peter Monsen, et al., Re new optical channel for metro CORD!	P	2/23/2012	aci159066-aci159067
869.			Email exchange between Christian Rasmussen and Pierre Humblet RE FEC FPGA emulation	P	05/09/2012	aci159211-aci159214
870.			Email exchange between Pierre Humblet and Gary Martin, et al., Re FEC	P	03/09/2012	aci167857-aci167858
871.			Email from Gary Martin to Christian Rasmussen Re FEC overhead for SKY	P	03/12/2012	aci029329-aci029330
872.			Email exchange between Christian Rasmussen and Pierre Humblet Re ECC error floor analysis	P	03/15/2012	aci00862737
873.			Email exchange between Pierre Humblet and Gary Martin, et al., Re Metro FEC	P	03/15/2012	ACI167876-ACI167877
874.			Email exchange between Gary Martin and Larry Pellach, et al., Re Sky Ethernet Support	P	04/10/2012	ACI023427-ACI023428
875.			Email exchange between Pierre Humblet and Christian Rasmussen	P	05/10/2012	aci167918

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876.			Email from Bennet Ih to Larry Pellach Re viasat ecc_common	P	06/01/2012	aci552422
877.			SoftFEC 2012-06-01.pptx	P	06/01/2012	aci012345-aci012359
878.			Soft FEC Status	P	06/06/2012	aci167983-aci167997
879.			QEF for metro chip	P	06/11/2012	aci035712-aci035734
880.			Email exchange between Gary Martin and Pierre Humblet Re FEC	P	06/11/2012	aci159292-aci159294
881.			Acacia's Proposal for a flexible up-sampler (FUS) for Metro DSP: Jonas Geyer (PowerPoint)	P	6/20/2012	aci779427-aci779442
882.			Acacia's Proposal for a flexible up-sampler (FUS) for Metro DSP: Jonas Geyer (PowerPoint)	P	6/20/2012	aci029387-aci029402
883.			Email exchange between Larry Pellach and Jonas Geyer Re endiens	P	6/25/2012	aci148922
884.			Email exchange between Larry Pellach and Peter Monsen, et al., Re FFS and bus width	P	7/10/2012	aci025966-aci025969
885.			Everest: 4 Interleaved TPC	P		aci762185-aci762187
886.			Email exchange between Pierre Humblet and Christian Rasmussen, et al., Re backward compatibility	P	8/21/2012	aci168097-aci168103

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887.			Email exchange between Christian Rasmussen and Pierre Humblet, et al., Re backward compatibility	P	08/22/2012	aci149130-aci149136
888.			Email exchange between Bennet Ih and Jim Duda, et al., Re QEF Testbench	P	09/06/2012	aci553173-aci553176
889.			Email exchange between Gary Martin and Christian Rasmussen Re backwards compatibility	P	09/07/2012	aci159522-aci159523
890.			Email from Gary Martin to Jon Stahl Re backwards compatible	P	09/07/2012	aci023492
891.			Email exchange between Gary Martin and Jon Stahl Re backwards compatible	P	09/08/2012	aci023493-aci023494
892.			Feature response.pptx	P	09/10/2012	aci762494-aci762498
893.			Email from Christian Rasmussen to Christopher Coronado FW: Calculation of BER...	P	09/26/2012	aci016080
894.			Email exchange between Gary Martin and Larry Pellach Re enc_top.v	P	10/04/2012	aci023561-aci023562
895.			Email from Peter Monsen to DSP-Optics Re Updates to CORD + Everest backward compatibility	P	10/12/2012	aci691883
896.			Email exchange between Peter Monsen, et al., Re Sky Unique Word programming	P	10/24/2012	aci636139
897.			Email exchange between Mehrdad Givchchi and Christian Rasmussen Re FEC paper for Pierre	P	10/25/2012	aci015961
898.			Email exchange between Gary Martin and Jon Stahl Re hlb_sd_decoder status	P	11/13/2012	aci817705

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899.			Email exchange between Peter Monsen and Christian Rasmussen Re Unused bits in the UW in Sky?	P	11/26/2012	aci149278
900.			Email exchange between Christian Rasmussen and Pierre Humblet Re Chien search vs algebraic decoder	P	11/30/2012	aci159662- aci159663
901.			Email exchange between Gary Martin and Jon Bennike, et al., Re AC100-202 OTU4 frame format	P	12/11/2012	aci023589- aci023591
902.			Email exchange between Gary Martin and Pierre Humblet Re deinterleaver model	P	01/03/2013	aci159779- aci159781
903.			Acacia's Low Level Design Specification Deinterleaver for the Coherent Optical Receiver Demodulator	P	01/17/2013	aci000064- aci000079
904.			Email from Stan Reiss to Antonio Rodriguez, et al., Re Acacia description	P	01/27/2013	MATRIX00016 82- MATRIX00016 83
905.			Email exchange between Gary Martin and Peter Monsen, et al., Re decoder spec	P	02/12/2013	aci023609
906.			Email exchange between Peter Monsen and Gary Martin FW: Decoder_spec.doc (w/attachment)	P	03/18/2013	aci016622- aci016652
907.			Email exchange between Christian Rasmussen and Pierre Humblet Re Francesco Caggioni	P	05/15/2013	aci017099
908.			Email from Christian Rasmussen to Raj Shanmugaraj, et al., Re Viasat FEC	P	05/20/2013	aci034472

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909.			Email exchange between Gary Martin and Christian Rasmussen Re Early results with shortening 256 x 256 code to 25% OH	P	05/21/2013	aci766985-aci766986
910.			Email exchange between Christian Rasmussen and Benny Mikkelsen Re Viasat/Sameep (w/translation)	P	06/28/2013	aci033242-aci033243
911.			Email exchange between Christian Rasmussen and Pierre Humblet Re FEC update	P	07/08/2013	ACI774971-ACI774972
912.			Email from Christian Rasmussen and Benny Mikkelsen Re FEC question	P	07/09/2013	aci775003
913.			Email exchange between Christian Rasmussen and Pierre Humblet Re FEC	P	07/11/2013	aci029854-aci029855
914.			Email exchange between Gary Martin and Jon Stahl Re next FEC steps	P	07/12/2013	aci024082-aci024085
915.			Email exchange between Christian Rasmussen and Gary Martin Re next FEC steps	P	07/12/2013	aci017328-aci017330
916.			Email String	P	07/12/2013	aci041198-aci041199
917.			Email string	P	07/18/2013	aci775313-aci775317
918.			Email string	P	07/18/2013	aci033267
919.			Email string	P	07/19/2013	aci033294-aci033295

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920.			Email string with translation	P	08/08/2013	aci033478-aci033480
921.			Email string	P	08/15/2013	aci033487-aci033488
922.			Email string	P	08/20/2013	aci033500-aci033502
923.			Email string	P	08/27/2013	aci026904
924.			Email string	P	08/31/2013	aci033505
925.			Email string	P	09/04/2013	aci769540-aci769542
926.			Email string	P	09/04/2013	aci769538
927.			ViaSat's 25% OH 100G SDFE	P	09/08/2013	aci015965-aci015973
928.			Email string	P	09/09/2013	aci769602
929.			Email string	P	09/10/2013	aci033528-aci033530
930.			Email string	P	09/10/2013	aci033521-aci033522
931.			Email string	P	09/12/2013	aci130690
932.			Email string (w/attachment)	P	09/14/2013	aci015964-aci015973

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933.			Email string	P	09/15/2013	aci776544-aci776545
934.			Email string	P	09/30/2013	aci770282-aci770283
935.			Email string (w/attachment)	P	10/02/2013	aci033570-aci033571
936.			Email string	P	10/02/2013	aci033586
937.			Email string (w/attachment)	P	10/03/2013	aci033590-aci033593
938.			Email string	P	10/04/2013	aci033610-aci033613
939.			Email string	P	10/15/2013	aci033670-aci033672
940.			Email string	P	10/16/2013	aci033696-aci033698
941.			Email string	P	10/16/2013	aci777173
942.			Email string	P	10/29/2013	aci033730
943.			Email string	P	11/19/2013	aci030015-aci030018
944.			Email string	P	11/09/2013	aci030008-aci030010

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945.			Email string	P	11/02/2013	aci033805-aci033809
946.			Email string	P	11/19/2013	aci771666-aci771668
947.			Viasat's 100G/200 G SDFEC IP CORE Specifications	P	12/13/2013	aci030149-aci030162
948.			Viasat's 100G/200 G SDFEC IP CORE Specifications	P	12/4/2013	aci030176-aci030189
949.			Email string	P	11/25/2013	aci030059-aci030062
950.			Email string	P	11/25/2013	aci027665-aci027666
951.			Email string	P	11/25/2013	aci030063-aci030065
952.			Email string	P	11/25/2013	aci024360-aci024361
953.			Email string	P	11/26/2013	aci027670
954.			Email string	P	11/26/2013	aci030071-aci030072
955.			Email string	P	11/27/2013	aci033863-aci033865
956.			Email string	P	12/02/2013	aci024419-aci024421

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957.			Email string	P	12/02/2013	aci018710
958.			Email string	P	12/02/2013	aci024419- aci024421
959.			Email string	P	12/03/2013	aci030135- aci030137
960.			Email string (w/attachment)	P	12/04/2013	aci030175
961.			Email string	P	12/04/2013	aci032349- aci032353
962.			Email string (w/attachment)	P	12/06/2013	aci030209- aci030221
963.			Email string	P	12/17/2013	aci033888
964.			Email string	P	12/18/2013	aci030236- aci030237
965.			Email string	P	12/18/2013	aci030231
966.			Viasat's 100G/200G SDFEC IP Core Size and Performance Update	P	12/09/2013	aci019147- aci019152
967.			Email string (w/attachment)	P	12/19/2013	aci030243- aci030249
968.			Email string	P	12/22/2013	aci033904
969.			Email string	P	12/22/2013	aci033896- aci033902

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970.			Email string	P	12/26/2013	aci027791-aci027794
971.			Email string	P	01/10/2014	aci161645
972.			Email string	P	06/05/2014	aci030451
973.			Email string	P	01/09/2014	aci033931-aci033932
974.			Email string	P	01/14/2014	aci032417-aci032418
975.			Email string	P	01/17/2014	aci024501
976.			Email string	P	01/18/2014	aci033968
977.			Email string	P	02/03/2014	aci01279340-aci01279341
978.			Email string	P	02/08/2014	aci151741-aci151742
979.			Email string	P	02/11/2014	aci036631-aci036632
980.			Email string (w/attachment)	P	02/20/2014	aci030342-aci030343
981.			Email string	P	02/26/2014	aci033065
982.			Email string	P	02/26/2014	aci030367

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983.			Email string	P	03/05/2014	aci032479-aci032481
984.			Email string	P	03/20/2014	aci027970-aci027972
985.			Email string	P	04/02/2014	aci030417-aci030418
986.			Acacia's Encoder Specification v. 1.2	P	04/07/2014	aci008863-aci008886
987.			Email (w/attachment)	P	06/04/2014	aci032532-aci032552
988.			Email string	P	06/25/2014	aci032559
989.			Email string	P	06/25/2014	aci028018-aci028019
990.			Email string	P	10/29/2014	aci032595
991.			Email string	P	12/19/2014	aci025520-aci025525
992.			Email string	P	12/22/2014	aci025526
993.			Email string	P	01/12/2015	aci021863-aci021873
994.			Email (w/attachment)	P	01/30/2015	aci041714-aci041715

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995.			Email string	P	3/10/2015	ACI041716- ACI041718
996.			Email string	P	8/12/2015	ACI022399- ACI022400
997.			Email string	P	8/12/2015	ACI208319
998.			Email string	P	8/12/2015	ACI034742- ACI034745
999.			Email string	P	8/14/2015	ACI208425- ACI208426
1000.			Email string	P	10/14/2015	ACI041535- ACI041536
1001.			Email string	P	12/31/2015	ACI581677- ACI581678
1002.			Email string	P	1/23/2016	ACI203627
1003.			Excel Spreadsheet	P	1/22/2016	ACI203618
1004.			Email string	P	6/07/2016	ACI01096866- ACI01096868
1005.			Email string	P	6/07/2016	ACI348455
1006.			Email string	P	8/12/2015	ACI01068406- ACI01068409

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1007.			Email string	P	8/12/2015	ACI025672- ACI025675
1008.			Email string	P	8/12/2015	ACI208311- ACI208312
1009.			Email string	P	8/14/2015	ACI022414- ACI022415
1010.			Email string	P	9/03/2015	ACI164514- ACI164516
1011.			Email string	P	10/19/2016	ACI00996326- ACI00996327
1012.			Email string	P	10/19/2016	ACI603869
1013.			Email string	P	12/12/2016	ACI810705- ACI810706
1014.			PPT	P	02/01/2013	ACI026135- ACI026153
1015.			PDF	P	6/12/2009	ACI015954- ACI015960
1016.			Email string	P	5/09/2012	ACI167915- ACI167917
1017.			Email string	P	5/10/2012	ACI167918
1018.			Email string	P	10/25/2012	ACI015961

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1019.			Email string	P	9/04/2013	ACI769538
1020.			Email string	P	9/15/2013	ACI776544- ACI776545
1021.			Email string	P	4/02/2014	ACI030417- ACI030418
1022.			Email string	P	6/25/2014	ACI032559
1023.			Email string	P	7/13/2015	ACI155153
1024.			Email string	P	8/14/2015	ACI022415- ACI022415
1025.			PPT	P	12/07/2010	ACI740394
1026.			PPT	P	1/07/2011	ACI232261
1027.			Word Document	P	1/13/2011	ACI232252- ACI232260
1028.			Email string	P	1/14/2014	ACI232276
1029.			Email string	P	7/30/2014	ACI153390
1030.			PPT	P	6/06/2012	ACI756163- ACI756177
1031.			Letter from Asgeirsson to Erik Bliss	P	11/24/2015	

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1032.			Letter from Asgeirsson to Erik Bliss	P	08/13/2015	
1033.			Joint Motion for Determination of Discovery Dispute	P	02/13/2017	
1034.			Dec. of Gary Martin ISO Joint Motion for Determination of Discovery Dispute	P	02/13/2017	
1035.			Letter from Keeton to Fitzgerald	P	07/20/2017	
1036.			Exhibit 1.0 to the Expert Report of Brent Bersin by Year Summary of voluminous evidence	P		
1037.			Letter from Matt Warren to Michael Albert Further explanation of Trade Secret 6	P	06/07/2017	
1038.			090323 ECC Digital Design Estimate.pdf	P		ACI038332- ACI038334
1039.			090702 ECC Digital Design Budgetary Estimate.pdf	P		ACI013556- ACI013559
1040.			090707 ECC Digital Design Budgetary Estimate.pdf	P		ACI033518- ACI033520
1041.			090716 ECC Digital Design Budgetary Estimate.pdf	P		ACI038363- ACI038366
1042.			100G SD FEC RFI for Viasat 2013.08.02.docx	P		ACI033464
1043.			090803 ECC Digital Design Budgetary Estimate.pdf	P		ACI033515- ACI033517
1044.			130920 ULH-LH SDFEC ROM Estimate_ViaSat.pdf	P		ACI033552- ACI033554

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1045.			25% FEC update.pptx; 25% FEC messaging.msg	P		ACI041698- ACI041699
1046.			Denali FEC.msg	P		ACI019454
1047.			ECC negotiations.msg	P		ACI038412
1048.			FW: backward compatibility.msg	P		ACI133282
1049.			FW: spec.msg	P		ACI018731- ACI018732
1050.			FW: spec.msg	P		ACI032326- ACI032327
1051.			Geoff's "ideal" solution for DSP & ASIC.msg	P		ACI015512- ACI015513
1052.			Juicy FEC update.msg	P		ACI033483
1053.			min clock rate in Everest mode.msg	P		ACI017223- ACI017224
1054.			OTL4.4 frame/lane generation.msg	P		ACI016864
1055.			RE: Denali & Sky decisions.msg	P		ACI033919
1056.			RE: FEC, distance based.msg	P		ACI150813- ACI150815
1057.			RE: Juicy FEC update.msg	P		ACI033498- ACI033499

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1058.			RE: Juicy FEC update.msg	P		ACI033489- ACI033490
1059.			RE: OTL4.4 frame/lane generation.msg	P		ACI016865- ACI016866
1060.			RE: Pico FEC.msg	P		ACI164514- ACI164516
1061.			RE: spec.msg	P		ACI018685- ACI018689
1062.			RE: spec.msg	P		ACI030101- ACI030103
1063.			RE: TPC for the next gen chip.msg	P		ACI112461- ACI112463
1064.			RE: UW for Sky.msg	P		ACI016097- ACI016098
1065.			RE: UW size.msg	P		ACI692753
1066.			RE: Viasat FEC.msg	P		ACI041194
1067.			updates to CORD + Everest backward compatibility.msg	P		ACI029468
1068.			viasat references.msg	P		ACI030026
1069.			Viasat contract.msg	P		ACI036548
1070.			Viasat.msg	P		ACI033550- ACI033551

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1071.			RE: number of test patterns.msg	P		ACI030015- ACI030018
1072.			RE: FEC notes.msg	P		ACI740109- ACI740110
1073.			RE: FEC notes.msg	P		ACI741958- ACI741960
1074.			RE: FEC notes.msg	P		ACI779503- ACI779505
1075.			FEC strategy.pptx	P		ACI232261
1076.			Fwd: FEC.msg	P		ACI749979- ACI749983
1077.			LowLevelSpec_FFS.doc	P		ACI031664- ACI031691
1078.			LowLevelSpec_FFS.doc.msg	P		ACI031663
1079.			LowLeve Spec_FFS.doc	P		ACI749246
1080.			RE: FEC mapping changes to reduce delay.msg	P		ACI760181- ACI760183
1081.			RE: FEC FPGA emulation.msg	P		ACI159208- ACI159210
1082.			updated draft schedules for 40G capabilities.msg	P		ACI780669
1083.			Frame Structure document and Block Diagram.msg	P		ACI022492

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1084.			RE: Updated OFC paper.msg	P		ACI034097- ACI034098
1085.			Acacia Invited Paper OFC-NFOEC 2013 - final.doc	P		ACI034099- ACI034101
1086.			RE: backward compatibility.msg	P		ACI159402- ACI159405
1087.			Matrix Update	P		ACI015526- ACI015527
1088.			RE: Mutual NDA Viasat - Acacia	P		ACI732950- ACI732951
1089.			20090904084923422.pdf	P		ACI038381- ACI038385
1090.			(No subject/filename).msg	P		ACI00862172
1091.			20090904084923422.pdf	P		ACI038381- ACI038385
1092.			25% FEC.msg	P		ACI00862603
1093.			Acacia Invited Paper OFC-NFOEC 2013 - final.doc	P		ACI034099- ACI034101
1094.			ASIC/DSP solution recommended by Geoff.msg	P		ACI233847- ACI233848
1095.			Backward capability requirements.msg	P		ACI168082
1096.			backward compatibility.msg	P		ACI110599

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1097.			Denali - Everest compatibility mode checked in cord.msg	P		ACI151747
1098.			denali backward compatibility.msg	P		ACI769851
1099.			Viasat_072611_4.pptx	P		ACI015458- ACI015469
1100.			RE: Viasat.msg	P		ACI770165- ACI770166
1101.			Sent from Snipping Tool.msg	P		ACI208423- ACI208424
1102.			RE: Updated OFC paper.msg	P		ACI034097- ACI034098
1103.			131001 ULH-LH SDFEC ROM Estimate.pdf	P		ACI033572- ACI033574
1104.			backwards compatibility.msg	P		ACI762184
1105.			FW: backwards compatibility.msg	P		ACI762462- ACI762464
1106.			FW: ECC reference.msg	P		ACI223096- ACI223097
1107.			interleaver/deinterleaver.msg	P		ACI798164
1108.			new optical channel for metro CORD !.msg	P		ACI159062
1109.			Next gen LH-Submarine ASIC 2013.06.21.pptx	P		ACI774810- ACI774824

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1110.			pico_FFS_spec.pdf	P		ACI789777- ACI789799
1111.			RE: a phone call.msg	P		ACI768328- ACI768330
1112.			RE: backward compatibility.msg	P		ACI159402- ACI159405
1113.			RE: backward compatibility.msg	P		ACI110627- ACI110629
1114.			RE: Slides for FEC discussion with the MIT' guys.msg	P		ACI01415467- ACI01415469
1115.			Exhibit 1 to Opening Report of Dr. Prowse	P		
1116.			Exhibit 3 to Opening Report of Dr. Prowse	P		
1117.			Exhibit 4 to Opening Report of Dr. Prowse	P		
1118.			Exhibit 5 to Opening Report of Dr. Prowse	P		
1119.			Exhibit 6 to Opening Report of Dr. Prowse	P		
1120.			Exhibit 7 to Opening Report of Dr. Prowse	P		
1121.			2012-2017 Product Gross Margin Spreadsheet	P		ACI781861
1122.			MD&A Dec 15 Data Book v7 2.11.16 Spreadsheet	P		ACI343893

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1123.			VIASAT119120	P		
1124.			Spreadsheet	P		ACI01417494
1125.			Spreadhsheet	P		ACI01417495
1126.			PowerPoint	P		ACI242231-73
1127.			Unit Sales Data PDF	P		ACI000383
1128.			IP Core Development and License Agreement No. TG11102009	P		ACI014429 – 41
1129.			VIASAT100638	P		
1130.			VIASAT102903	P		
1131.			VIASAT103030 – 32	P		
1132.			VIASAT119126 – 28	P		
1133.			VIASAT297446 – 57	P		
1134.			VIASAT297487 – 96	P		
1135.			VIASAT257309	P		
1136.			VIASAT298604	P		

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1137.			VIASAT257541	P		
1138.			PowerPoint	P		ACI032533 - 52
1139.			VIASAT211200 – 07	P		
1140.			VIASAT298711 – 729	P		
1141.			VIASAT298491 – 517	P		
1142.			Exhibit A to Expert Report of Marwan Hassoun	P		
1143.			VIASAT-SOURCE-000001- VIASAT-SOURCE-000091	P		
1144.			ACI-SC000001 through ACI-SC000217	P		
1145.			ACI-SC000299 through 333	P		
1146.			ACI-SC000240	P		
1147.			ACI-SC000334-61	P		
1148.			ACI-SC000250-98	P		
1149.			ACI-SC000362-69	P		
1150.			Meru_block_descriptions.docx	P		ACI031340- ACI031345

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
1151.			Acacia's Encoder Specification v. 1	P	01/15/2014	ACI008717-ACI008760
1152.			Acacia's Low Level Design Specification Decoder for the Coherent Optical Receiver Demodulator Sky Project	P	02/21/2013	ACI016407-ACI016433
1153.			Acacia's HD Decoder Design Specification	P	02/27/2015	ACI284599-ACI284617
1154.			ACI720999-ACI721020	P		
1155.			ACI032420-ACI032445	P		
1156.			Exhibit A to Rebuttal Report of Professor Ivan Djordjevic	P		
1157.			RE: optical simulations...	P		ACI369798
1158.			Provisional Patent Application No. 61/521,263	P		ACI01316419
1159.			Acacia Real Time DSP for 100G powerpoint	P		ACI01293002
1160.			Rasmussen 100G White Paper	P		ACI00983466
1161.			Matt Nimon email showing Acacia TS	P		VIASAT236487
1162.			Haykin textbook	P		VIASAT304978 – 305031
1163.			Exhibit A to Opening Report of Professor Krishna Narayanan	P		

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
1164.			(Everest) Low Level Design Specification SDFEC Encoder	P		ACI647699- ACI647757
1165.			Device comparison sheet	P		ACI453471
1166.			(Everest) Low Level Design Specification SDFEC Decoder	P		ACI01410584
1167.			(Everest) Low Level Design Specification SDFEC Decoder	P		ACI01319996
1168.			(Sky) Low Level Design Decoder Spec	P		ACI000124- ACI000146
1169.			(Sky) Low Level Design Decoder Spec v. 0.1	P		ACI016414
1170.			Email string	P	10/22/2013	ACI059250-310
1171.			ACI1785135	P		
1172.			GooglevisitNov2016v1.pptx	P	11/13/2016	ACI242235
1173.			BroadcomDec2016.pptx	P	12/01/2016	ACI01043271
1174.			ASNMeeting090716.pptx	P	10/12/2016	ACI01278464
1175.			Acacia Roadshow Presentation_scrubbed_v3.pptx	P	06/08/2016	ACI01335790
1176.			Corporate Slides-Matrix-Feb28,2017.pptx	P	02/25/2017	ACI01337409
1177.			Inserts for Acacia (Products).docx	P	11/04/2015	ACI121589 - 92

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
1178.			Roadmap update	P		ACI01278464 2016
1179.			Denali architecture spec	P		ACI038904- ACI038935
1180.			Encoder and decoder updates for Meru	P		ACI720374 - 76
1181.			Low Level Design Specification SD Decoder	P	04/15/2013	ACI000124-46
1182.			Denali Project Review	P	08/21/2014	ACI01239410
1183.			WebHome – Denali Home Page	P	05/31/2017	ACI01263592- 97
1184.			ACI647707-8	P		
1185.			TMS Spec	P		ACI00932925 - 952
1186.			NDA	P		VIASAT263207 -209
1187.			VIASAT263210-15	P		
1188.			VIASAT191922 - 73	P		
1189.			VIASAT236487	P		
1190.			VIASAT173835 - 49	P		

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
1191.			https://www.viasat.com/about	P		
1192.			ViaSat, Inc., Form 10-K for the fiscal year ended March 31, 2017	P		
1193.			ViaSat Inc., Form 10-K for the fiscal year ended March 31, 2006	P		
1194.			http://ir.acacia-inc.com/phoenix.zhtml	P		
1195.			Acacia Communications, Inc., 2016 Annual Report	P		
1196.			Acacia Form S-1 filed on December 21, 2015	P		
1197.			http://www.marketwatch.com/story/networking-startup-acacia-communications-files-for-ipo-2015-12-21	P		
1198.			https://ycharts.com/companies/ACIA/market_cap (as of close on October 26, 2017)	P		
1199.			Deutsche Bank Markets Research, "Disruptive Optical Networking Story; BUY Initiation; \$50 PT," dated June 7, 2016	P		
1200.			https://www.futuremarketinsights.com/reports/optical-networking-market	P		
1201.			https://acacia-inc.com/product/ac100-msa/	P		

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
1202.			https://www.google.com/url?q=https://web.archive.org/web/20170222132755/http://acacia-inc.com:80/products/ac400-flex-product-family/	P		
1203.			https://acacia-inc.com/product/cfp-dco/	P		
1204.			https://acacia-inc.com/product/cfp2-dco/	P		
1205.			UPDATE - Acacia Communications Samples Industry's First Coherent CFP2-DCO	P		
1206.			GlobeNewswire: Acacia Communications Introduces Long-Haul CFP-DCO Module	P		
1207.			GENERATION OF SOFT BIT METRICS FOR DIFFERENTIALLY ENCODED QUADRATURE PHASE SHIFT KEYING (QPSK) - Patent application	P		
1208.			Gazettabyte - Home - Acacia uses silicon photonics for its 100G coherent CFP	P		
1209.			Gazettabyte - Home - Acacia unveils 400 Gigabit coherent transceiver	P		
1210.			doi: - RT-100G-Transceiver-with-SDFEC-Article	P		
1211.			Challenges and key technologies for coherent metro 100G transceivers - Lightwave - Challenges-and-key-technologies-for-coherent-metro-100G-transceivers-Lightwave	P		

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Exh. No.	Date Marked	Date Admitted	Description	Offer Party	Doc. Date	Bates Range
1212.			Acacia unveils low-power metro CFP module - Optical Connections News	P		
1213.			Acacia unveils first 100G coherent pluggable module - Optical Connections News	P		
1214.			Acacia Press Release re: Demonstration of CFP2-DC0 Coherent Ecosystem	P		
1215.			Acacia Communications Ships Industry's First Pluggable Coherent 100G CFP Module OFC	P		
1216.			Acacia Communications Ships Industry's First Pluggable Coherent 100G CFP Module	P		
1217.			Acacia Communications sampling 100G coherent CFP transceiver - Lightwave	P		
1218.			Acacia Communications Recognized in Fierce Innovation Awards Nasdaq:ACIA	P		
1219.			Acacia Communications IPO: A Compelling Story? fiReReality fiber optic consultants	P		
1220.			Acacia Communications intros long-haul coherent CFP, touts Denali DSP customers - Lightwave	P		
1221.			Acacia Communications Introduces Long-Haul CFP-DCO Module Nasdaq:ACIA	P		
1222.			Acacia Communications Introduces Long-Haul CFP-DCO Module - TheStreet	P		

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1223.			Acacia Communications Inc. (via Public) : Acacia Communications Introduces Long-Haul CFP-DCO Module	P		
1224.			Acacia Communications CFP2-DCO Module - Lightwave	P		
1225.			Acacia Communications Announces Successful Interoperability of 100G Coherent Pluggable CFP Transceiver Solutions for Metro Deployments	P		
1226.			Product Families Overview - Acacia Communications	P		
1227.			Provisional Application 61/449,812	P		
1228.			Provisional Application 61/435,278	P		
1229.			US20120230676A1	P		
1230.			US20120189320A1	P		
1231.			US20120189319A1	P		
1232.			US20120189324A1	P		
1233.			US20120189318A1	P		
1234.			Provisional Patent Application 61/449,812	P		
1235.			Publication no. US20120230676	P		

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1236.			FEC expert.msg	P		ACI774634
1237.			PH on 25% NCG.msg	P		ACI033078- ACI033082
1238.			Re: Ac200 - Meru Clocking application note.msg	P		ACI810705- ACI810706
1239.			RE: backward compatibility.msg	P		ACI159447- ACI159452
1240.			RE: Chien search vs algebraic decoder.msg	P		ACI168327
1241.			RE: denali backward compatibility.msg	P		ACI769857
1242.			RE: Denali Interleaver.msg	P		ACI024376- ACI024378
1243.			RE: Down to the wire on the Internal FEC -- update.msg	P		ACI033821- ACI033826
1244.			RE: Early results with shortening 256 x 256 code to 25% OH.msg	P		ACI774322- ACI774324
1245.			RE: everest sdfec update.msg	P		ACI662490- ACI662491
1246.			Re: Mini job description.msg	P		ACI774764- ACI774765
1247.			RE: Pico FEC.msg	P		ACI187056- ACI187057
1248.			RE: UW size.msg	P		ACI692753

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1249.			ACI1014208 - 23	P		
1250.			Rebuttal spreadsheet to Bersin's Exhibit 1.0 prepared by Prowse's team	P		
1251.			DEMONSTRATIVE	P		
1252.			DEMONSTRATIVE	P		
1253.			DEMONSTRATIVE	P		
1254.			DEMONSTRATIVE	P		
1255.			DEMONSTRATIVE	P		
1256.			DEMONSTRATIVE	P		
1257.			DEMONSTRATIVE	P		
1258.			DEMONSTRATIVE	P		
1259.			DEMONSTRATIVE	P		
1260.			DEMONSTRATIVE	P		
1261.			DEMONSTRATIVE	P		
1262.			DEMONSTRATIVE	P		

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1263.			DEMONSTRATIVE	P		
1264.			DEMONSTRATIVE	P		
1265.			DEMONSTRATIVE	P		
1266.			DEMONSTRATIVE	P		
1267.			DEMONSTRATIVE	P		
1268.			DEMONSTRATIVE	P		
1269.			DEMONSTRATIVE	P		
1270.			DEMONSTRATIVE	P		
1271.			DEMONSTRATIVE	P		
1272.			DEMONSTRATIVE	P		
1273.			DEMONSTRATIVE	P		
1274.			DEMONSTRATIVE	P		
1275.			DEMONSTRATIVE	P		
1276.			DEMONSTRATIVE	P		

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1277.			DEMONSTRATIVE	P		
1278.			DEMONSTRATIVE	P		
1279.			DEMONSTRATIVE	P		
1280.			DEMONSTRATIVE	P		
1281.			DEMONSTRATIVE	P		
1282.			DEMONSTRATIVE	P		